

Converting Colors

XYZ(67.7749, 57.4869, 68.1106)

Have a look what the booklet for
XYZ(67.7749, 57.4869, 68.1106)
contains.

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Color

**XYZ(67.7736, 57.5391,
67.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB3D1
RGB	252, 179, 209
RGB Percent	99%, 70%, 82%
CMY	0.0118, 0.2980, 0.1804
CMYK	0.00, 0.29, 0.17, 0.01
HSL	335°, 92%, 85%
HSV	335°, 29%, 99%
XYZ	67.7736, 57.5391, 67.8557
YIQ	204.2470, 33.8780, 24.8060

Conversions

Conversions Part 2

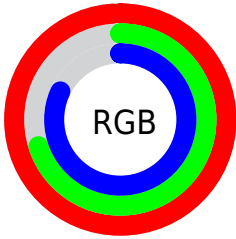
Format	Color
R_{YB}	252, 179, 209
Decimal	16561105
CIE _{Lab}	80.48, 30.82, -4.49
CIE _{LCh}	80, 31.149, 351.721
Yxy	57.5391, 0.3509, 0.2979
Android (android.graphics.Color)	4294751185 (0xFFFCB3D1)
YUV	204.2470, 2.3432, 41.8794
Hunter-Lab	75.8545, 26.7386, 0.0603

Details

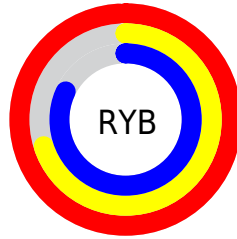
The XYZ color **67.7736, 57.5391, 67.8557** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.5880, 84.4799, 81.9079**, and the grayscale version is **57.5227, 60.5184, 65.9045**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **35.4981, 28.5031, 34.6410** is the 20% darker color. If you saturate the color by 10%, you get **61.4239, 47.6449, 57.0900**, and if you desaturate by 10%, it is **75.2207, 69.3529, 79.8334**.

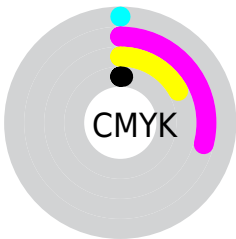
Distribution



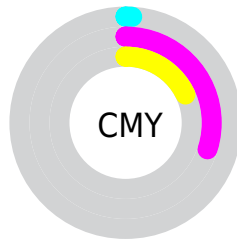
- Red (99%)
- Green (70%)
- Blue (82%)



- Red (99%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (29%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7736, 57.5391, 67.8557 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.7736, 57.5391, 67.8557 by changing the saturation by 10% instead.

67.7736, 57.5391,
67.8557

67.7736, 57.5391,
67.8557

442.0828,
415.4663, 471.5688

49.9866, 41.4382,
49.3144

115.0719,
101.2514, 117.7979

35.6205, 28.6617,
34.5016

145.3139,
129.6316, 150.0360

24.3100, 18.8250,
22.9987

180.4382,
162.8737, 187.6766

15.6897, 11.5439,
14.3873

220.8103,
201.3620, 231.1385

9.3943, 6.4339,
8.2487

266.7954,
245.4811, 280.8401

5.0584, 3.1107,
4.1644

318.7589,

2.3167, 1.1898,

295.6152, 337.2000

1.7160

377.0663,
352.1488, 400.6367

■ 0.8032, 0.0533,
0.3717

■ 0.0000, 0.0000,
0.0000

■ 67.7736, 57.5391,
67.8557

■ 67.7736, 57.5391,
67.8557

■ 61.4239, 47.6449,
57.0900

■ 75.2207, 69.3529,
79.8334

■ 56.1118, 39.5598,
47.4916

■ 83.8113, 83.1730,
93.0587

■ 51.7789, 33.1743,
39.0176

■ 93.5948, 99.0907,
107.5700

■ 48.3588, 28.3635,
31.6207

■ 93.9551, 99.4356,
108.8488

■ 45.7760, 24.9853,
25.2494

■ 43.9419, 22.8713,
19.8463

■ 42.7277, 21.7739,
15.3389

■ 42.6212, 21.6860,
14.9173

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9143, 57.5391, 87.0796



67.7736, 57.5391, 67.8557



66.9183, 57.5391, 50.5069

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7736, 57.5391, 67.8557



50.2661, 57.5391, 35.3128



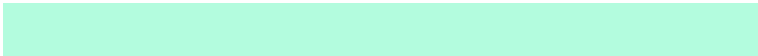
47.4242, 57.5391, 94.5382

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.7736, 57.5391, 67.8557



66.5880, 84.4799, 81.9079

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.0489, 57.5391, 76.5990



67.7736, 57.5391, 67.8557



45.5985, 57.5391, 43.2792

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7736, 57.5391, 67.8557



56.4778, 57.5391, 33.8777



43.4075, 57.5391, 57.7182



52.9388, 57.5391, 104.3301

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7736, 57.5391, 67.8557



64.3838, 57.5391, 42.0258



43.4075, 57.5391, 57.7182



46.0201, 57.5391, 89.1125

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.7752, 57.5417, 67.8569



86.0598, 85.3810, 95.5404



63.6898, 54.7353, 99.3042



18.1294, 17.8047, 20.0090



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7752, 57.5417, 67.8569



65.5419, 52.7260, 62.8639



65.6500, 58.6857, 50.5184



17.5403, 17.3435, 19.4351



22.2707, 11.3240, 8.1337



2.1139, 1.0693, 1.0231

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.7752, 57.5417, 67.8569



65.5419, 52.7260, 62.8639



69.0934, 82.4743, 104.3736



17.5403, 17.3435, 19.4351



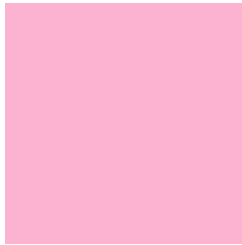
22.2707, 11.3240, 8.1337



2.1139, 1.0693, 1.0231

Previews

White Background



This preview shows how the XYZ color 67.7736, 57.5391, 67.8557 looks on a white background.

Color Contrast Check

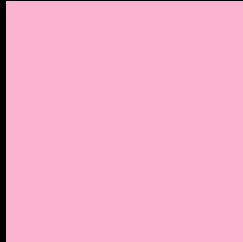
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.7736, 57.5391, 67.8557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

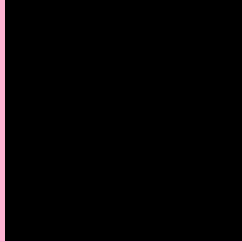
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7736, 57.5391, 67.8557

Background



This preview shows how black text looks on a background with the XYZ color 67.7736, 57.5391, 67.8557.



This preview shows how white text looks on a background with the XYZ color 67.7736, 57.5391,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.7736, 57.5391, 67.8557

Protanopia

56.5005, 57.9376, 76.6118

Deuteranopia

59.0476, 57.7915, 66.4353



Tritanopia

65.7985, 57.3119, 59.2241

Trichromacy



Original Color

67.7736, 57.5391, 67.8557



Protanomaly

59.9893, 57.4607, 73.5749



Deuteranomaly

62.0932, 57.7232, 66.9005



Tritanomaly

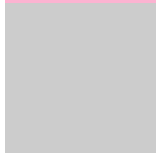
66.5302, 57.3219, 62.2013

Monochromacy



Original Color

67.7736, 57.5391, 67.8557



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

60.4745, 58.8586, 66.5660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7736, 57.5391, 67.8557 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(252, 179, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 179, 209) }
```

Border

The CSS property to change the border of an element to XYZ 67.7736, 57.5391, 67.8557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 179, 209) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 179, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(252, 179,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7736, 57.5391, 67.8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 179, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
179, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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